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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

Needelman, et al

Serial No. 10/709,346

Filed: 04/29/04

For: METHOD AND APPARATUS FOR REAL-TIME STAR EXCLUSION
FROM A DATABASE

Attorney Docket No: 03-0196(BOE0459PA)

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**DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.56**

Mail Stop Patent Application
Commissioner for Patents
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Sir:

In compliance with 37 C.F.R. § 1.56, the art listed and identified on the attached Form PTO-1449B is being submitted herewith for consideration by the Examiner.

The information disclosure statement submitted herewith is being filed before the mailing date of a first Office Action on the merits, pursuant to 37 C.F.R. § 1.97(b).


It is Applicants' opinion that the claims presently on file patentably distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or

contain matter which anticipates the invention or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art.

The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0476.

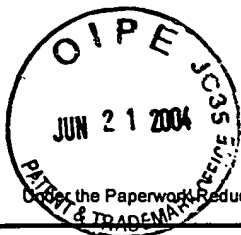
Respectfully submitted,

ARTZ & ARTZ, P.C.

A handwritten signature in black ink, appearing to read 'K. Mierzwa', is written over a horizontal line.

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Date: 6-14-04



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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/709,346
				Filing Date	04/29/04
				First Named Inventor	Needelman, et al
				Art Unit	
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	PD-03-0196 (BOE 0459 PA)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A	Kudva, P. and Throckmorton, A. "Preliminary Star Catalog Development for the Earth Observation Systems AMI (EOS-AMI) Mission", AIAA Journal of Guidance, Control and Dynamics, Vol. 19, No. 6, pp. 1332-1336, 1996.	
	B	Bone, Jeffery W., "On-orbit Star Processing Using Multi-Star Star Trackers", April 5-8, 1994, SPIE Vol. 2221, pp. 6-14	
	C	Wicenec, A.J. and Albrecht, M., "Methods for Structuring and Searching Very Large Catalogs", 1998, Astronomical Society of the Pacific, pp. 512-515	
	D	Barrett, P., "Application of the Linear Quadtree to Astronomical Databases", Astronomical Data Analysis Software and Systems IV, ASP Conference Series, Vol. 77, 1995, pp. 1-4	
	E	Strikwerda, Thomas E. and Junkins, John L., "Star Pattern Recognition and Spacecraft Attitude Determination", May 1981, US Army ETL	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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